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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Claim 1 (Currently amended): A composition comprising a pharmaceutical grade extract of hops comprising an effective amount of tetrahydroisohumulone and an effective amount of at least one component selected from the group consisting of essential oils, fats and waxes, wherein said pharmaceutical grade extract provides ~~about 0.01 to 100 mg per kg of body weight per day of~~ 15 to 45 weight % of tetrahydroisohumulone of the composition.

Claims 2-5 (Canceled).

Claim 6 (Currently amended): The composition of Claim 1, further comprising a pharmaceutical acceptable carrier ~~[[is]]~~ selected from the group consisting of coatings, isotonic and absorption delaying agents, binders and adhesives, lubricants, disintegrants, coloring agents, flavoring agents, sweetening agents, absorbants, detergents, and emulsifying agents.

Claim 7 (Currently amended): The composition of Claim 1, further comprising ~~one or more members~~ a member selected from the group consisting of antioxidants, vitamins and minerals.

Claim 8 (Currently amended): The composition of Claim 1, further comprising ~~one or more members~~ a member selected from the group consisting of proteins, fats, carbohydrates, glucosamine, chondroitin sulfate and amino sugars.

Claims 9-51 (Canceled)

Claim 52 (Currently Amended): A dosage form of a pharmaceutical grade extract of hops comprising an effective amount of tetrahydroisohumulone, and an effective amount of at least one component selected from the group consisting of essential oils, fats, and waxes, wherein said pharmaceutical grade extract provides ~~about~~

~~0.01 to 100 mg per kg of body weight per day of~~ 15 to 45 weight % of tetrahydroisohumulone of the composition.

Claim 53 (Previously Presented): The dosage form of Claim 52, wherein said dosage form is a capsule, powder, tablet, injectable suspension, spray solution, spray suspension, or lotion.

Claim 54 (Previously Presented): The dosage form of claim 52, further comprising a pharmaceutical acceptable carrier selected from the group consisting of coatings, isotonic and absorption delaying agents, binders and adhesives, lubricants, disintegrants, coloring agents, flavoring agents, sweetening agents, absorbants, detergents, and emulsifying agents.